

(51) Classification internationale des brevets <sup>7</sup> :

H04N 13/04, G02B 27/22

A1

(11) Numéro de publication internationale:

WO 00/10332

(43) Date de publication internationale:

24 février 2000 (24.02.00)

(21) Numéro de la demande internationale: PCT/FR99/01927

(22) Date de dépôt international: 4 août 1999 (04.08.99)

(30) Données relatives à la priorité:

98/10384

13 août 1998 (13.08.98)

FR

(71)(72) Déposant et inventeur: ALLIO, Pierre [FR/FR]; 81, rue de la Mare, F-75020 PARIS (FR).

(74) Mandataires: ORES, Béatrice etc.; Cabinet Ores, 6, Avenue de Messine, F-75008 Paris (FR).

(81) Etats désignés: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, brevet ARIPO (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), brevet eurasien (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), brevet européen (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), brevet OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Publiée

Avec rapport de recherche internationale.

(54) Title: METHOD FOR AUTOSTEREOSCOPIC DISPLAY

(54) Titre: PROCEDE D'AFFICHAGE AUTOSTEREOSCOPIQUE

(57) Abstract

The invention concerns a method for autostereoscopic display of an image with N view-points on a screen comprising display pixels (P1, P2, and so on) arranged in rows and columns, each display pixel having  $p > 1$  colour points, corresponding to a first (R), second (G), to a  $p^{\text{th}}$  (B) colour component, method whereby the pixels of an autostereoscopic image to be displayed are displayed by spatially distributing the p colour points of each pixel between the colour points of the colour component homologous with the different p display pixels (P1, P2, P3, and so on). Said method is characterised in that it produces, from an autostereoscopic image said to be of higher definition having at least as many pixels with p colour points as the image with N view-points present in the colour points, generating one said autostereoscopic image to be displayed whereof each pixel (TR<sub>1</sub>, TR<sub>2</sub>, and so on) is a colour point of the colour component homologous with p different pixels (T<sub>1</sub>, T<sub>2</sub>, T<sub>3</sub>) of the autostereoscopic image with higher definition.

